

What are the challenges to New Zealand realizing the full ecosystem services contribution of planted forests (including its Paris commitments)?

Ecosystem services

Millenium Ecosystem Assessment framework:

- Supporting
- Regulating
- Provisioning
- Cultural

Top priorities

- Developing a cost framework for ecosystem services to weigh the positive and negative outcomes, and trade-offs
- Who is going to pay???
- Measuring and monitoring (data)
- Awareness and education (of the public, landowners, and managers)
- Cultural views – historic bias favors farming
- Regulation required to stop payment for pollution
- Land speculation vs improvement

Lower priorities

- Land encumbrance
- No incentives for non-carbon services
- Lack of markets (except carbon)
- Plantation vs permanent
- Scale: national, local, or landowner scale?
- Starting points/ baselines (1840?)
- Legacy land-use issues
- Western lens or framework (linear/binary)
- Data availability